

Notice of Allowability	Application No.	Applicant(s)	
	10/604,872	MA ET AL.	
	Examiner	Art Unit	
	Truc T. T. Nguyen	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 8/6/04 and an interview on 9/27/04.
2. ☒ The allowed claim(s) is/are 1 and 12.
3. ☒ The drawings filed on 22 August 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>9/27/04</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

TRUC T. NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wei Te Chung on September 27, 2004.

The application has been amended as follows:

- Please cancel claims 2-11 and 13-18.
- Please amend claims 1 and 12 as follow:

1. A land grid array (LGA) socket comprising:

an insulative housing receiving a multiplicity of electrical contacts;

a reinforcing plate attached on the housing; and a clip and a lever respectively mounting on two opposite ends of the housing;

wherein the lever comprises a driving portion and a driven portion, a baffle depends from a side of the reinforcing plate, and the baffle prevents the lever from disengaging the housing[.]; and

wherein the housing defines an electric section, a plurality of second troughs are defined in the housing around the electric section, and a plurality of flakes extend from the reinforcing plate corresponding to the troughs of the housing; and

Art Unit: 2833

wherein the housing defines a front side, a rear side, a left side and a right side, a pair of braces extends from two opposite ends respectively of the front side for holding the lever; and

wherein the housing defines a generally trapezoidal clip-receiving trough in the front side thereof, the clip-receiving trough defines a pair of opposite openings in opposite external surfaces of the housing; and

wherein the housing defines a pair of first troughs on one end of the housing, a notch is defined in a center of the rear side, the clip defines a pair of curved mounting portions being received in the corresponding mounting troughs of the housing, a curved securing portion is formed between the mounting portions mating with the notch of the housing; and

wherein an engagement portion extends from one end of the clip bending to the housing and received in the clip-receiving trough of the housing; and

wherein the curved mounting portions of the clip being received in the corresponding mounting troughs of the housing, and the camber securing portion mating with the notch of the housing; and

wherein opposite lateral sides of the clip are bent slightly downwardly to form a pair of clasping portion; and

wherein an offset fastening portion formed at a center of the driven portion of the lever, the offset fastening portion engaging and pressing on the engagement surface of the clip; and

wherein the reinforcing plate is made of metal; and

Art Unit: 2833

wherein a baffle depends from one side of the reinforcing plate, the baffle being located between the braces of the housing and stay a gap toward the front side of the housing after the reinforcing plate being installed on the housing.

12. An electrical connector comprising:

an insulative housing receiving a multiplicity of electrical contacts;

a reinforcing plate attached on the housing; and a clip and a lever respectively mounting on two opposite ends of the housing, the lever comprising a driven portion defining an pivot axis about which a fastening portion of said lever is rotated to engage with the clip,

wherein said housing and said reinforcing plate cooperate with each other to commonly retain the driven portion in position[.]; and

wherein said driven portion is immoveable in both vertical and horizontal directions; and

wherein said driven portion is substantially sandwiched between the housing and the reinforcing plate; and

wherein said driven portion is sandwiched between an end face of the housing and a baffle which integrally extends from an upward horizontal plane of the reinforcing plate; and

wherein the housing defines a front side, a rear side, a left side and a right side, a pair of braces extends from two opposite ends respectively of the front side for holding the lever; and

wherein a baffle depends from one side of the reinforcing plate, the baffle being located between the braces of the housing and stay a gap toward the front side of the housing after the reinforcing plate being installed on the housing.

2. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach a baffle depends from one side of the reinforcing plate, the baffle being located between the braces of the housing and stay a gap toward the front side of the housing after the reinforcing plate being installed on the housing.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. T. Nguyen whose telephone number is 571-272-2011. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2833

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Truc T. T. Nguyen
Primary Examiner
Art Unit 2833

A handwritten signature in black ink, consisting of a large, stylized 'T' followed by a horizontal line extending to the right.